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May 28, 2004

Box: FILING RECEIPT CORRECTIONS  
U.S. Patent & Trademark Office  
Washington DC 20231

Re: U.S. Patent Appln. 10/762,063  
IMPROVED ACCELERATED WEATHERING APPARATUS  
Client/Matter No. 01188.00.0184

Ladies & Gentlemen:

A review of the official Filing Receipt (copy enclosed) for the above identified patent application reveals that the title was incorrectly listed. The correct title is

IMPROVED ACCELERATED WEATHER APPARATUS

as evidenced by the attached copy of the first page of the application.

Please issue a corrected filing receipt.

Best Personal Regards,

Angelo J. Bufalino

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06-01-2004

U.S. Patent & TMO/TM Mail Rcpt Dt. #72

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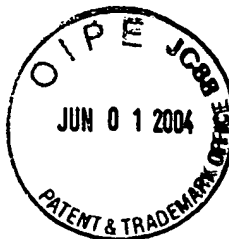


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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/762,063	01/21/2004	2881	1180	01188.00.0184	15	38	4

23418  
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CONFIRMATION NO. 4594

## FILING RECEIPT



\*OC000000012451864\*

Date Mailed: 04/26/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Rajen Rathod, Bartlett, IL;  
Richard D. Donato, Chicago, IL;

## Domestic Priority data as claimed by applicant

This application is a DIV of 10/097,707 03/15/2002 PAT 6,720,562 ✓  
which claims benefit of 60/280,796 04/02/2001 ✓

## Foreign Applications

If Required, Foreign Filing License Granted: 04/23/2004

Projected Publication Date: 08/05/2004

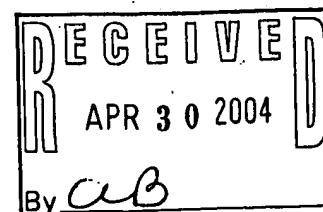
Non-Publication Request: No

Early Publication Request: No

## Title

Accelerated weathering apparatus

## Preliminary Class



**IMPROVED ACCELERATED WEATHERING APPARATUS**

**Reference to Related Application**

[0001] This application claims the benefit of U.S. Provisional Application No. 60/280,796, filed April 2, 2001.

**Field of the Invention**

[0002] This invention pertains to an apparatus for accelerating the weathering effects on test specimens, and more particularly, to an accelerated weathering apparatus having discharge lamps as a concentrated light source for accelerating the deterioration of color, composition, and/or structure of test specimens which includes improved control and calibration structure and methods of operation. The preferred embodiment of the present invention for testing specimens uses fluorescent ultraviolet lamps as the light sources that approximate natural sunlight in the ultraviolet portion of the spectrum and the deterioration caused thereby and will be described with particular reference thereto. However, it will be recognized that other discharge lamps may be used as sources, the primary example being xenon lamps or any other source.

**Background of the Invention**

[0003] A conventional testing apparatus using discharge lamps as shown in FIG. 1 has eight ultraviolet lamps 10 provided in a test chamber 12 and arranged into symmetric downwardly divergent rows when viewed in cross-section. Specimens 14 to be tested are attached to two opposite specimen supporting walls of the housing of the test apparatus so as to face inwardly toward the lamps and receive the irradiance therefrom. In the machine shown, there are two specimens, an upper specimen and lower specimen; however,